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WEATHER BUREAU

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1943

J. A. BROWN, DIRECTOR

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NOVEMBER 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.6	60.5	61.8	61.0	28.2	22.7	25.8	27.6	23.3	25.6
2	3.1	1.9	2.4	2.5	27.5	22.8	25.1	26.2	23.3	24.9
3	0.9	58.7	58.4	59.3	27.9	17.6	25.6	26.1	21.1	24.3
4	58.7	9.3	60.9	9.6	24.0	18.5	20.5	23.8	21.2	21.8
5	61.6	61.1	2.3	61.7	24.1	19.2	21.3	23.3	20.3	21.6
6	63.4	62.8	63.4	63.2	24.4	18.6	22.0	21.7	20.1	21.3
7	5.1	3.9	5.2	4.7	23.9	18.8	21.8	23.3	20.2	21.8
8	4.2	3.1	2.7	3.3	24.9	20.7	21.7	23.4	21.4	22.2
9	1.5	59.5	59.3	0.1	26.0	22.7	22.7	24.7	23.7	23.7
10	0.9	60.4	61.1	0.8	27.0	20.2	25.7	26.2	22.1	24.7
11	62.9	62.3	63.5	62.9	24.6	18.3	22.9	23.4	20.6	22.3
12	5.0	4.4	5.0	4.8	23.8	19.0	21.2	23.2	20.2	21.5
13	3.5	1.3	1.0	1.9	26.9	21.0	21.6	23.5	21.4	22.2
14	59.7	0.2	1.2	0.4	26.1	17.9	24.8	23.4	21.2	23.1
15	63.0	2.5	3.4	3.0	23.3	18.1	21.2	22.0	19.0	20.7
16	64.7	63.9	64.3	64.3	23.3	18.3	20.9	22.8	19.7	21.1
17	2.9	1.3	2.4	2.3	23.2	17.8	20.4	22.0	19.7	20.7
18	2.3	1.6	2.4	2.1	23.2	17.4	20.4	21.8	18.9	20.4
19	4.4	4.0	4.8	4.4	23.8	18.3	20.4	22.4	19.0	20.6
20	5.7	4.7	4.9	5.1	23.7	18.7	21.0	23.2	20.2	21.5
21	64.0	62.2	62.4	2.9	23.9	19.7	19.8	23.2	20.8	21.3
22	4.2	3.6	4.6	4.1	24.6	18.9	21.7	23.6	21.3	22.2
23	7.1	6.6	7.7	7.1	24.2	18.5	21.6	23.3	20.2	21.7
24	7.8	6.1	5.9	6.6	24.2	19.0	21.3	22.9	20.4	21.5
25	3.8	1.2	2.2	2.4	26.8	19.4	21.7	24.8	20.5	22.3
26	62.7	61.7	62.0	62.1	24.3	18.5	21.7	23.0	19.5	21.4
27	3.7	3.3	4.2	3.7	21.7	17.7	18.7	21.2	19.1	19.7
28	4.4	3.2	3.7	3.8	22.7	17.9	20.0	21.2	18.6	19.9
29	5.2	4.7	5.0	5.0	22.6	16.9	20.5	21.8	20.1	20.8
30	5.0	3.3	2.7	3.7	21.8	17.4	18.4	20.7	19.8	19.6
	63.40	62.44	63.02	62.96	24.55	19.01	21.74	23.52	20.50	21.88

Barometer, range for month 758.4 — 767.8 mm.
,, 62-yr. average for month 762.79 mm.
Thermometer, range for month 16.9° C — 28.2° C.
,, 62-yr. average for month 19.85 C.
Rain, total for month 38.85 mm.
,, , 62-yr. average for month 127.51 mm.
,, . total, from Sept. 1st. 71.88 mm.
62-yr. average, total from Sept. 1st. 183.39 mm.

*Summer time

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	14.2	18.1	13.1	15.2	58	66	61	62	9.6	195.2	
2	16.2	19.8	17.9	18.0	68	79	84	77	3.2	104.0	
3	18.6	17.9	15.5	17.3	76	71	83	77	5.2	496.0	12.95
4	15.7	14.8	14.3	14.9	88	67	77	77	4.7	480.0	19.05
5	14.7	15.6	14.0	14.8	77	73	79	76	4.9	296.0	1.52
6	14.0	15.4	14.3	14.6	71	80	82	78	8.8	212.8	0.51
7	14.1	14.2	14.0	14.1	72	67	80	73	9.5	140.8	
8	13.3	15.0	16.5	14.9	69	69	86	75	9.2	427.2	
9	16.5	18.0	12.2	15.6	81	77	56	71	2.2	160.0	
10	18.8	18.3	18.3	18.5	76	73	93	81	8.6	275.2	
11	15.8	15.1	14.9	15.3	76	71	82	76	7.9	336.0	
12	13.4	14.5	14.1	14.0	71	69	80	73	8.9	208.0	
13	15.0	15.8	13.9	14.9	77	72	73	74	5.5	260 8	
14	12.0	13.5	14.5	13.3	52	63	78	64	3.3	264.0	
15	13.5	14.1	12.9	13.5	72	72	79	74	6.9	272.0	2.03
16	13.3	15.0	14.5	14.3	72	72	84	76	7.5	232.0	
17	12.8	13.7	13.5	13.3	71	69	80	73	9.5	328.0	
18	13.0	13.2	13.4	13.2	73	68	82	74	9.5	264.0	
19	11.6	13.6	11.0	12.1	64	68	67	66	9.3	216.0	
20	9.9	12.7	13.3	12.0	53	60	76	63	5.6	312.0	
21	11.5	14.4	9.5	11.8	67	68	52	62	7.4	208.0	
22	10.4	13.8	13.6	12.6	53	64	72	63	9.2	360.0	
23	12.5	14.6	14.4	13.8	66	68	82	72	8.8	185.6	
24	12.0	15.3	13.8	13.7	63	73	78	71	8.0	224.0	
25	11.2	14.1	13.5	12.9	58	60	75	64	5.3	352.0	
26	14.3	14.4	13 7	14.1	74	68	81	74	2.4	472.0	
27	14.4	15.3	13.1	14.3	90	81	80	84	4.3	144.0	2.79
28	12.7	14.9	13.4	13.7	73	79	85	79	6.4	131.2	
29	14.2	13.2	13.7	13.7	79	68	78	75	5.7	400.0	
30	11.4	13.1	13.6	12.7	73	72	79	75	7.7	456.0	
	13.70	15.04	13.94	14.23	70.4	70.2	77.4	72.6	6.76	287.09	1.29

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1ci	1cu	0	0.7	0	1sw	0	light	Summer time ends.
2	9ci-cu	10cu	10cu	9.7	0	1sw	0	slight	
3	1ci	10cu	7cu-ni	6.0	0	0	3w	,,	Sudden G. force 3:30 P.M.
4	9ni	6ni	4ci-ni	6.3	2sw	2sw	1sw	,,	
5	7cu-ni	9cu	6cu	7.3	1sw	1sw	0	light	
6	5cu	8ni	1cu	4.7	1sw	0	0	calm	
7	1ci	1ci	3cu	1.7	0	1nw	0	light	Mist.
8	0	2ci	0	0.7	0	2ne	1ne	slight	
9	10cu	10cu	10cu	10.0	0	1ne	0	light	
10	1cu	9cu	0	3.3	0	1sw	0	,,	
11	1cu	9cu	4cu	4.7	1se	2w	0	light	
12	1ci	1ci	0	0.7	0	1sw	0	,,	
13	2ci	8ci	8cu	6.0	0	1sw	0	,,	
14	6cu	10cu	5cu	7.0	2sw	2w	1sw	slight	Tr. & W. A.M.
15	0	6cu	1ci	2.3	0	1se	1se	light	
16	0	9cu	0	3.0	0	1sw	0	light	
17	0	0	0	0.0	0	2ne	0	slight	
18	0	0	0	0.0	0	1n	0	,,	
19	0	0	0	0.0	0	2ne	0	,,	H. A. M.
20	1ci	5cu	0	2.0	0	2ne	0	,,	H. A. M.
21	8cu	8cu	0	5.3	0	1ne	0	slight	
22	8ci	1ci	0	3.0	1sw	0	1ne	,,	
23	0	0	0	0.0	0	2nw	0	,,	
24	2ci	3ci	0	1.7	0	1ne	0	light	
25	0	10cu-ci	0	3.3	0	2sw	0	,,	sky Hazy A.M.
26	9ci-cu	10cu	0	6.3	1sw	2sw	0	light	
27	9cu-ni	9cu	1cu	6.3	1sw	0	0	,,	
28	8ci	7ci-cu	0	5.0	0	1nw	0	slight	
29	10cu	9cu	1cu	6.7	0	1nw	2nw	,,	
30	0	0	0	0.0	0	2nw	2nw	,,	
				3.79					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	0	1	0	7	0	0	22	30
14:30	1	7	0	1	0	10	2	5	4	30
20:30	0	2	0	1	0	2	1	2	22	30
Totals	1	9	0	3	0	19	3	7	48	90

Number of days with rain 6, fog 0, thunderstorms 0, gale 1.

62 yr. av. days with rain during month 9.3 days